

10/531637

PATENT COOPERATION TREATY  
REC'D PTO 15 APR 2005

PCT

## INTERNATIONAL SEARCH REPORT

(PCT Article 18 and Rules 43 and 44)

Applicant's or agent's file reference  PCT30183	<b>FOR FURTHER ACTION</b>	see Notification of Transmittal of International Search Report (Form PCT/ISA/220) as well as, where applicable, item 5 below.
International application No.  PCT/IT 03/00627	International filing date (day/month/year)  14/10/2003	(Earliest) Priority Date (day/month/year)  15/10/2002
Applicant  SHARDNA S.P.A.		

This International Search Report has been prepared by this International Searching Authority and is transmitted to the applicant according to Article 18. A copy is being transmitted to the International Bureau.

This International Search Report consists of a total of 6 sheets.

It is also accompanied by a copy of each prior art document cited in this report.

**1. Basis of the report**

a. With regard to the **language**, the international search was carried out on the basis of the international application in the language in which it was filed, unless otherwise indicated under this item.

the international search was carried out on the basis of a translation of the international application furnished to this Authority (Rule 23.1(b)).

b. With regard to any **nucleotide and/or amino acid sequence** disclosed in the international application, the international search was carried out on the basis of the sequence listing :

contained in the international application in written form.

filed together with the international application in computer readable form.

furnished subsequently to this Authority in written form.

furnished subsequently to this Authority in computer readable form.

the statement that the subsequently furnished written sequence listing does not go beyond the disclosure in the international application as filed has been furnished.

the statement that the information recorded in computer readable form is identical to the written sequence listing has been furnished

2.  Certain claims were found unsearchable (See Box I).

3.  Unity of invention is lacking (see Box II).

4. With regard to the title,

the text is approved as submitted by the applicant.

the text has been established by this Authority to read as follows:

5. With regard to the abstract,

the text is approved as submitted by the applicant.

the text has been established, according to Rule 38.2(b), by this Authority as it appears in Box III. The applicant may, within one month from the date of mailing of this international search report, submit comments to this Authority.

6. The figure of the drawings to be published with the abstract is Figure No.

as suggested by the applicant.

because the applicant failed to suggest a figure.

because this figure better characterizes the invention.

None of the figures.

## INTERNATIONAL SEARCH REPORT

International Application No

PCT/IT 03/00627

A. CLASSIFICATION OF SUBJECT MATTER  
 IPC 7 C12Q1/68

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)  
 IPC 7 C12Q

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

BIOSIS, MEDLINE, EMBASE, EPO-Internal, PAJ, WPI Data

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
P, X	<p>GIANFRANCESCO FERNANDO ET AL:            "Identification of a novel gene and a common variant associated with uric acid nephrolithiasis in a sardinian genetic isolate."            AMERICAN JOURNAL OF HUMAN GENETICS,            vol. 72, no. 6, June 2003 (2003-06), pages            1479-1491, XP001179678            ISSN: 0002-9297            the whole document            ---            -/-</p>	1-10

 Further documents are listed in the continuation of box C. Patent family members are listed in annex.

## \* Special categories of cited documents:

- \*A\* document defining the general state of the art which is not considered to be of particular relevance
- \*E\* earlier document but published on or after the international filing date
- \*L\* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- \*O\* document referring to an oral disclosure, use, exhibition or other means
- \*P\* document published prior to the international filing date but later than the priority date claimed

- \*T\* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- \*X\* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- \*Y\* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- \*&\* document member of the same patent family

Date of the actual completion of the international search  14 April 2004	Date of mailing of the international search report  06/05/2004
Name and mailing address of the ISA  European Patent Office, P.B. 5818 Patentlaan 2 NL - 2280 HV Rijswijk Tel. (+31-70) 340-2040, Tx. 31 651 epo nl, Fax: (+31-70) 340-3016	Authorized officer  Helliot, B

## INTERNATIONAL SEARCH REPORT

International Application No

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## C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
P, X	GIANFRANCESCO F. ET AL.: "Studio funzionale della Talassina associata alla calcolosi renale da acido urico attraverso genomica comparativa e sua localizzazione cellulare". Poster, VI Congresso SIGU, Verona 24-27 Settembre 2003" 'Online! 2003, XP002271865 Retrieved from the Internet: <URL: <a href="http://sigu.univr.it/sigu/congresso_2003/abstract/node232.html">http://sigu.univr.it/sigu/congresso_2003/abstract/node232.html</a> > 'retrieved on 2004-04-14! abstract ---	1-10
X	OMBRA MARIA NEVE ET AL: "Identification of a new candidate locus for uric acid nephrolithiasis" AMERICAN JOURNAL OF HUMAN GENETICS, vol. 68, no. 5, May 2001 (2001-05), pages 1119-1129, XP001179677 ISSN: 0002-9297 cited in the application the whole document ---	1-10
X	DATABASE GENBANK 'Online! 1 October 2001 (2001-10-01) STRAUSBERG ROBERT: "EST 603040095F1, dbEST Id 9641318" retrieved from NCBI Database accession no. BI822044 XP002271869 cited in the application abstract ---	1
X	DATABASE GENBANK 'Online! 2 December 1998 (1998-12-02) OHARA O. ET AL.: "Homo sapiens mRNA for KIAA0844 protein, partials cds" retrieved from NCBI Database accession no. AB020651 XP002271870 cited in the application abstract ---	1
X	DATABASE GENBANK 'Online! 2 December 1998 (1998-12-02) OHARA O. ET AL.: "KIAA0844 protein (Homo sapiens)" retrieved from NCBI Database accession no. BAA74867 XP002271871 cited in the application residues 1 to 438 abstract ---	9

## INTERNATIONAL SEARCH REPORT

International Application No

PCT/IT 03/00627

## C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	<p>NAGASE T ET AL: "PREDICTION OF THE CODING SEQUENCES OF UNIDENTIFIED HUMAN GENES XII THE COMPLETE SEQUENCES OF 100 NEW cDNA CLONES FROM BRAIN WHICH CODE FOR LARGE PROTEINS IN VITRO"</p> <p>DNA RESEARCH, UNIVERSAL ACADEMY PRESS, JP, vol. 5, no. 6, 31 December 1998 (1998-12-31), pages 355-364, XP000973120</p> <p>ISSN: 1340-2838 cited in the application tables 1,2 figure 3</p> <p>---</p>	1-10
A	<p>LAITY JOHN H ET AL: "Zinc finger proteins: New insights into structural and functional diversity"</p> <p>CURRENT OPINION IN STRUCTURAL BIOLOGY, vol. 11, no. 1, February 2001 (2001-02), pages 39-46, XP001179825</p> <p>ISSN: 0959-440X cited in the application the whole document</p> <p>-----</p>	1-10